

20000405.ba v02_n855.bam.20000405

>From ???@??? Wed Apr 5 11:12:37 2000 -0500
Date: Wed, 5 Apr 2000 11:10:08 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2855
Message-Id: <20000405151012.899A1274B1@devel143.theporch.com>

BOATANCHORS Digest 2855

Topics covered in this issue include:

- 1) FW: [chf] Bletchley Park Stolen Enigma
by "Andrew Emmerson" <midshires@cix.co.uk>
- 2) AM Modulator ?
by BEN NOCK <G4BXD@compuserve.com>
- 3) (no subject)
by michael watts <wy6k@yahoo.com>
- 4) Speaker And Output Transformer Questions
by Liles and Naomi Garcia <naomi@ftconnect.com>
- 5) AD MM suggestion
by BEN NOCK <G4BXD@compuserve.com>
- 6) JT 350A-1 Manual
by Ken_Warren@beavton.k12.or.us (Ken Warren)
- 7) Re: Speaker And Output Transformer Questions
by Bob Roehrig <broehrig@admin.aurora.edu>
- 8) Re: Speaker And Output Transformer Questions
by "russ dworakowski" <wb3fau@hotmail.com>
- 9) On-line Tube Database
by Jerry Proc <jproc@idirect.com>
- 10) War time magazines
by BEN NOCK <G4BXD@compuserve.com>
- 11) vhf linear amplifier-continuous duty
by Roy Nollkamper <k7jaq@yahoo.com>
- 12) Portland BA sites
by Roy Nollkamper <k7jaq@yahoo.com>
- 13) Howard 450A receiver for sale
by Roy Nollkamper <k7jaq@yahoo.com>
- 14) Re: Speaker And Output Transformer Questions
by Ken Lopez <kjlopez@earthlink.net>
- 15) RE: Speaker And Output Transformer Questions
by "Bill Hawkins" <bill@iaxs.net>
- 16) Radio Bygones - AN/GRC 109
by =?iso-8859-1?q?ragnar=20otterstad?= <la5he@yahoo.no>
- 17) RE: Speaker And Output Transformer Questions
by "Brian Goldsmith" <goldsmith@oup.com.au>
- 18) DX-100 Parting Out

by "Bruce J. Howes KG2IC" <bhowes@buffnet.net>
19) Japanese survival or spy radio? URL w/pics
by Richard Post <post@ouvaxa.cats.ohiou.edu>

From: "Andrew Emmerson" <midshires@cix.co.uk>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FW: [chf] Bletchley Park Stolen Enigma
Date: Tue, 4 Apr 2000 12:44:38 +0100
Message-ID: <LPBBL0DBJBMILDDOJCPFKEPECNAA.midshires@cix.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Christine Large [mailto:cal_99@hotmail.com]
Sent: 04 April 2000 11:45
To: chf@egroups.com
Subject: [chf] Bletchley Park Stolen Enigma

Dear All,

>
>An international group of cryptographers is assisting us with the effort to
>locate the stolen machine. It would be helpful to have links between one of
>the sites below and any academic, relevant industry and interested parties'
>sites. Please encourage this if you are in a position to do so. No need to
>let me know in advance, but it would be helpful to have a record in order
>to foster associations in future. The basic details are also on the Trust's
>website, www.bletchleypark.co.uk
>Thanks, Christine.

>
>>The Crypto Simulation Group is assisting in efforts by
>>The Bletchley Park Trust to recover the Abwehr Enigma
>>recently stolen from the BP Museum by disseminating a
>>detailed description of the machine. This effort is being
>>made on behalf of and with the approval of the Trust.
>>
>>Details of the stolen machine are to be found at each of
>>the following URL's:
>>
>>Geoff Sullivan: <<http://www.blueangel.demon.co.uk/crypto/index.html>>
>>Frode Weierud: <<http://home.cern.ch/~frode/crypto/index.html>>
>>David Hamer: <<http://www.eclipse.net/~dhamer/>>

>>
>>Please visit one of these sites to become acquainted with the
>>identifying characteristics of this rather unique example of the
>>Enigma family and be particularly vigilant for any appearance of
>>this machine being offered for direct sale or at auction.
>

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http://click.egroups.com/1/2120/1/_/196984/_/954845129/

Date: Tue, 4 Apr 2000 13:39:51 -0400
From: BEN NOCK <G4BXD@compuserve.com>
Subject: AM Modulator ?
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200004041340_MC2-9FE4-CB2B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

I am thinking about building a modulator, and have a UM 1 to
use, so about 30W or so. =

Does anyone have any experience with using a QQV06-40 or 3-20
as an audio amplifier valve ? I was just thinking that the overall size
of the unit could be reduced using such a tube, rather than a pair of =

807 or 6L6 etc. =

Another thought was to use the 5B/254M type valves, small =
but powerful.

Ben G4BXD.

Nostalgia is a thing of the past

Message-ID: <20000404191049.19251.qmail@web3203.mail.yahoo.com>
Date: Tue, 4 Apr 2000 12:10:49 -0700 (PDT)
From: michael watts <wy6k@yahoo.com>
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

To whoever started the thread about the Radio
Manufacturers Association making fake boatanchors:
WELL DONE!! GREAT SATIRE!

Same goes for the 10\$ KWM2s, although that one
strained my believe system immediately!

Thanks guys!

Mike wy6k

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Message-ID: <38EA579C.CB3208CC@ftconnect.com>
Date: Tue, 04 Apr 2000 13:59:08 -0700
From: Liles and Naomi Garcia <naomi@ftconnect.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Speaker And Output Transformer Questions
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Hello Everybody,

My question is about speaker voice coil impedances, receiver output
impedances, output transformers, and a few other items. Any answers
should probably be sent to the list because I think that other list
members could use this information.

My first question is why do most old Hallicrafters receivers have the
5,000 ohms and 500 ohms outputs. I know from reading Chuck Dachisi book
that the old Hallicrafters speakers had 5,000 ohms-to-3.2 ohms matching
transformers with them in the cabinet. But what was the purpose of
interconnecting one's receiver and speaker with the 5,000 ohm connection

in between? These old receivers are not modern hi-fidelity (but they sure sound good!!), but the two transformers in series would certainly not help fidelity.

My second question is what is the 500 ohms output on the old Hallicrafters receivers for? I know that military receivers usually have 600 ohms output impedance, and that Hallicrafters sold many receivers to the military; but why couldn't Hallicrafters supply receivers with the 600 ohms outputs? Also, there is a good supply of 600 ohm-to-16/8/3.2 ohms matching transformers available. I use a 600 ohm transformer to load the 500 ohm output on my Hallicrafters receivers and they sound just fine. However, some of the later Hallicrafters receivers still have the 500 ohm output and a 3.2 ohm output.

My third question is did the old speaker manufacturers really make several different voice coil impedances for our old receivers. Did they make 5 ohm speakers for Howard receivers? Did they make 6 ohm speakers for our old Hammarlund receivers? Are my i original Hammarlund matching Jensen speakers i really 6 ohm voice coils, and not 4 ohm voice coils?

The previous question prompts this one: Can you tell voice coil impedance from all of those numbers written around the rim of Jensen speakers?

Thanks very much for any answers that you can give. If we post to the list for everyone to see, we will not get so much repetition.

Regards from Aloha, Oregon,
Liles Garcia
naomi@ftconnect.com

Date: Tue, 4 Apr 2000 17:00:50 -0400

From: BEN NOCK <G4BXD@compuserve.com>
Subject: AD MM suggestion
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200004041700_MC2-9FE9-CD45@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

In an effort to maximise the mil set to mil set CW qso rate I suggest anyone wishing to have such a qso, and hence increase the ADMM score, to call =

V V V V V V CQ MIL de

The V being the famous war time radio signal from the BBC.
This would indicate to others of a similar interest you were a mil set operator looking for other mil set operators. =

Of course even calling CQ MIL does not stop one being called =
by homebrewers, Plastic lunch box operators and all, but at least it =
might bring us together quicker. =

Just a thought. =

Please copy to all interested parties.

cheers, Ben G4BXD.

Message-id: <fc.004c4c310068f394004c4c310068f394.68f40e@beavton.k12.or.us>
Date: Tue, 04 Apr 2000 14:31:25 -0700
Subject: JT 350A-1 Manual
To: Old Tube Radios <boatanchors@theporch.com>
From: Ken_Warren@beavton.k12.or.us (Ken Warren)
MIME-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

The person who wanted the JT 350A-1 manual needs to contact me, I lost your address. The manual is ready.

Ken Warren K7RPX

Date: Tue, 4 Apr 2000 18:08:04 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Speaker And Output Transformer Questions
Message-ID: <Pine.OSF.3.96.1000404180130.29350A-1000000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 4 Apr 2000, Liles and Naomi Garcia wrote:

> My question is about speaker voice coil impedances, receiver output
> impedances, output transformers, and a few other items. Any answers
> should probably be sent to the list because I think that other list
> members could use this information.

I'll take a guess at some of this.

> My first question is why do most old Hallicrafters receivers have the
> 5,000 ohms and 500 ohms outputs.

Perhaps the 5K output was so one could use a 5K to whatever ohm xfmr
to match anything he wanted. Also, in earlier years there were speakers
with a high impedance, probably at or near 5K.

As for the 500 or 600 ohms (they are so close together it doesn't matter
what you consider it), that is a "line" output. Usually used if the
speaker was placed a fair distance away, to reduce losses, or to send
the audio down a phone line to a remote location.

> My third question is did the old speaker manufacturers really make
> several different voice coil impedances for our old receivers.

Most speakers were 3.2 or 4 ohms. Later 8 and 16 ohms came along but they
were pretty much for "hi-fi" stuff. Most radio speakers were always 3.2
ohms.

> The previous question prompts this one: Can you tell voice coil
> impedance from all of those numbers written around the rim of Jensen
> speakers?

I used to re-cone speakers, but I don't remember. Usually not as far as I
know.

"Nostalgia is a thing of the past"

E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-4222
PLEASE PUT ALL REPLIES IN ASCII TEXT ONLY

Message-ID: <20000405000749.30867.qmail@hotmail.com>
From: "russ dworakowski" <wb3fau@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Speaker And Output Transformer Questions
Date: Tue, 04 Apr 2000 20:07:49 EDT
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Bob, the output impedance of old tube type receivers is about 5000 ohms- that is without an output transformer. Yes Hallicrafters did not put the output transformer in the receiver, as most others did. I think 500 ohms used to be the line level output impedance, as 600 ohms is now the standard. Anyway, a 600 ohm transformer will work fine for the 500 ohm application. As far as voice coil impedances is concerned, 3.2 ohms is considered the same as 4 ohms. There is a big difference in output if 4 or 8 ohms is used. Twice as much output @4 ohms. I know nothing of 5 or 6 ohm units. Russ

>From: Bob Roehrig <broehrig@admin.aurora.edu>
>Reply-To: broehrig@admin.aurora.edu
>To: Old Tube Radios <boatanchors@theporch.com>
>CC: Old Tube Radios <boatanchors@theporch.com>
>Subject: Re: Speaker And Output Transformer Questions
>Date: Tue, 4 Apr 2000 18:08:04 -0500 (CDT)

>

>On Tue, 4 Apr 2000, Liles and Naomi Garcia wrote:

>

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> > impedances, output transformers, and a few other items. Any answers
> > should probably be sent to the list because I think that other list
> > members could use this information.

>

>I'll take a guess at some of this.

>

> > My first question is why do most old Hallicrafters receivers have the
> > 5,000 ohms and 500 ohms outputs.

>

>Perhaps the 5K output was so one could use a 5K to whatever ohm xfmr
>to match anything he wanted. Also, in earlier years there were speakers
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>were pretty much for "hi-fi" stuff. Most radio speakers were always 3.2
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> > speakers?
>
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>know.
>
> "Nostalgia is a thing of the past"
> E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI
> CIS: Data / Telecom Aurora University, Aurora, IL
> 630-844-4898 Fax 630-844-4222
> PLEASE PUT ALL REPLIES IN ASCII TEXT ONLY
>

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Message-ID: <38EA8E4F.BC408DB@idirect.com>
Date: Tue, 04 Apr 2000 20:52:32 -0400
From: Jerry Proc <jproc@idirect.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: On-line Tube Database
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks,

This URL for a tube database was passed to me. It looks excellent,
however I did not have sufficient time to spot check it and try to
determine the types of tubes which are included. Very professionally
done.

<http://duncanamps.com/tubedata/>

--

Regards,
Jerry Proc VE3FAB jproc@idirect.com
Web: www3.sympatico.ca/hrc/haida
HMCS HAIDA Historic Naval Ship, Toronto Ontario

Date: Mon, 3 Apr 2000 14:06:15 -0400
From: BEN NOCK <G4BXD@compuserve.com>
Subject: War time magazines
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200004031406_MC2-9FBC-4D72@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

7 issues "The Aeroplane", dated 1941 and 42 15.00 Pound =

1 issue "Practical Mechanics", July 1941, featuring the gun camera, 2.0=
0
Pound.

plus postage.

Ben.

Message-ID: <20000405050621.29475.qmail@web1304.mail.yahoo.com>
Date: Tue, 4 Apr 2000 22:06:21 -0700 (PDT)
From: Roy Nollkamper <k7jaq@yahoo.com>
Subject: vhf linear amplifier-continuous duty
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good evening all: Not touching on the solid state
National issue again...no way.

I'm looking for a continuous duty, broadband linear
amplifier in the vhf spectrum that will accept 10 to
50 watts input with an output of around 250 watts.

I'm not in the mood to build one right now as I have

way too many BA's in various stages of re-assembly. If you have anything like this and are interested in selling or trading for other BA's let me know by direct email.

Thanks and 73 from Montana

Do You Yahoo!?
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<http://im.yahoo.com>

Message-ID: <20000405050930.29904.qmail@web1304.mail.yahoo.com>
Date: Tue, 4 Apr 2000 22:09:30 -0700 (PDT)
From: Roy Nollkamper <k7jaq@yahoo.com>
Subject: Portland BA sites
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Anyone know of any good BA sites/stores/shops in the downtown area of Portland. I will be there on business with a little time to spare and would like to browse around if the weather is good.

I will be staying downtown, but could catch a cab if the location isn't too far away.

Thanks, 73 de Roy, K7JAQ

Do You Yahoo!?
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<http://im.yahoo.com>

Message-ID: <20000405052208.2175.qmail@web1304.mail.yahoo.com>
Date: Tue, 4 Apr 2000 22:22:08 -0700 (PDT)
From: Roy Nollkamper <k7jaq@yahoo.com>
Subject: Howard 450A receiver for sale
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good Evening BAers

I have a Howard 450A receiver that is begging for

another home. I have lost interest in this very interesting vintage receiver from the 1930's.

It is complete, with the exception of the bottom inspection plate, and working, but needs a complete restoration including the front panel that has been horribly painted. Both tuning scales and the front glass are absolutely perfect as is the R-meter.

This would be a relatively simple re-cap project as it only has about 30 caps, most of which are very easy to access.

The art-deco speaker is also included and I have a copy of the Riders schematic...which doesn't match the radio in several ways...no surprise.

I will sell the radio or consider a trade for a good VLF receiver. Asking \$250 for the radio or reasonable offers or trades. Freight is additional.

Thanks for your time. Roy, K7JAQ

Do You Yahoo!?
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<http://im.yahoo.com>

Message-ID: <38EAD91F.2B406258@earthlink.net>
Date: Tue, 04 Apr 2000 23:11:57 -0700
From: Ken Lopez <kjlopez@earthlink.net>
MIME-Version: 1.0
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Speaker And Output Transformer Questions
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
To: Old Tube Radios <boatanchors@theporch.com>

HI folks,

Some points to consider:

5K Ohms is approximately the plate impedance of the typical audio output tube.

500 ohms was the line level standard originally developed by the

Telephone Co from the characteristic impedance of long lines. Replaced by 600 ohms when the broadcasting industry adopted it for audio distribution purposes.

3.2 Ohms is the typical DC resistance of an 8 ohm speaker.

Mismatching a 4, 8, or 16 ohm speaker to a transformer output makes more difference in frequency response than output. In solid state amps, the reverse is true. The load impedance then determines the current draw and hence the output power.

The reason for multi impedance taps is both to match different individual loudspeaker impedances as well as multiple speakers in either series/parallel or series wiring schemes.

The general reason for all these outputs was for flexibility. Remember, this was the early days and standards and usages were still evolving.

Cheers,
Ken N6TZV

russ dworakowski wrote:

>
> Bob, the output impedance of old tube type receivers is about
> 5000 ohms- that is without an output transformer. Yes
> Hallicrafters did not put the output transformer in the receiver,
> as most others did. I think 500 ohms used to be the line level
> output impedance, as 600 ohms is now the standard. Anyway, a 600
> ohm transformer will work fine for the 500 ohm application.
> As far as voice coil impedances is concerned, 3.2 ohms is
> considered the same as 4 ohms. There is a big difference in
> output if 4 or 8 ohms is used. Twice as much output @4 ohms.
> I know nothing of 5 or 6 ohm units. Russ
> >From: Bob Roehrig <broehrig@admin.aurora.edu>
> >
> >On Tue, 4 Apr 2000, Liles and Naomi Garcia wrote:
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> >
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> >
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> > > 5,000 ohms and 500 ohms outputs.
> >

From: "Bill Hawkins" <bill@iaxs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Speaker And Output Transformer Questions
Date: Wed, 5 Apr 2000 02:02:29 -0500
Message-ID: <000e01bf9ecc\$e83270c0\$0b0aa8c0@normandale>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken Lopez wrote:

> 3.2 Ohms is the typical DC resistance of an 8 ohm speaker.

When I was much younger, I tried to measure the impedance of a hi-fi speaker (15 inch in a homebrew Klipshorn cabinet). It seemed to be a series RLC circuit in that the impedance rose on either side of resonance. At resonance, you would just see resistive components like the DC voice coil resistance and acoustic power effects. But the load fell off so fast away from resonance that I have always wondered what the fuss was about with matching impedances and speakers. You need to approximately match the resonance load to the plate characteristics to get maximum power transfer at resonance, but the tube is just loafing as you go up in frequency.

Certainly impedance ratios in transformers translate into voltage gain, and an 8 ohm speaker on a 600 ohm output doesn't sound very good (as military radio folks know), but the difference between a 3.2 ohm speaker and a 16 ohm speaker wouldn't be noticeable without instruments.

Please, do **not** take this as an invitation to resurrect the audiophule thread again.

Regards,
Bill Hawkins

"Do you suppose the people opposed to genetic modification realize that they are genetically modified apes?"

Message-ID: <20000405075522.18171.qmail@web1804.mail.yahoo.com>
Date: Wed, 5 Apr 2000 09:55:22 +0200 (CEST)
From: =?iso-8859-1?q?ragnar=20otterstad?= <la5he@yahoo.no>
Subject: Radio Bygones - AN/GRC 109
To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Thanks for a very nice article in the latest issue,
which just arrived. Excellent photos.

Did you know that PRC 316 shared the GRA71 with GRC
109 ?

73 Rag LA5HE

Do You Yahoo!?
FÅ din egen, gratis @yahoo.no-adresse på <http://mail.yahoo.no>

From: "Brian Goldsmith" <goldsmith@oup.com.au>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <boatanchors@theporch.com>
Subject: RE: Speaker And Output Transformer Questions
Date: Wed, 5 Apr 2000 18:35:21 +1000
Message-ID: <000601bf9ed9\$e1bcc580\$0e198490@vic.bigpond.net.au>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken and the list. I cannot agree with your statement that 3.2 ohms is the
typical DC resistance of an 8 ohm speaker. The DC resistance of a typical 8
ohm impedance loudspeaker is usually double that figure. The DC resistance
of a typical 3.2 ohm impedance loudspeaker would be lower than 3.2 ohms.

Brian Goldsmith

HI folks,

3.2 Ohms is the typical DC resistance of an 8 ohm speaker.

Ken N6TZV

From: "Bruce J. Howes KG2IC" <bhowes@buffnet.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: DX-100 Parting Out
Date: Wed, 5 Apr 2000 11:38:19 -0400
Message-ID: <NDBBJFAKMLEDKBEFPNMIOEJJDBAA.bhowes@buffnet.net>

MIME-Version: 1.0
Content-Type: multipart/mixed;
boundary="-----=_NextPart_000_001E_01BF9EF3.70E59980"

This is a multi-part message in MIME format.

-----=_NextPart_000_001E_01BF9EF3.70E59980
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I have a Heathkit DX-100 that I am in the process of parting out. (Believe me, far too rough to restore)

If you have a need, email it over and I will do my best to help you out.

Priority will be given to those who have an actual need, rather than those "stockpiling" parts.

And guys, please be reasonable, don't offer me \$3 for a mod transformer and expect me to reply. You will be responsible for shipping costs from Buffalo NY, either UPS or FedEx.

The following items are spoken for:

- Meter
- Front Panel
- VFO Dial
- Knobs
- Cabinet

Thank You!
Sincerely,

Bruce James Howes KG2IC

"Winners form the habit of concentrating on what they want to happen;
losers concentrate on what they don't want to happen. In a pressure
situation,
winners call up past wins, losers recall past losses.
Both are self-fulfilling." -Thomas Edison

-----=_NextPart_000_001E_01BF9EF3.70E59980
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *

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Message-Id: <v03007802b510e9ca9b6a@[132.235.46.157]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Wed, 5 Apr 2000 12:09:33 -0400

To: Old Tube Radios <boatanchors@theporch.com>

From: Richard Post <post@ouvaxa.cats.ohiou.edu>

Subject: Japanese survival or spy radio? URL w/pics

I bragged on this group as the cognoscenti for lots of stuff including spy and survival radios. Tom Stranko wrote asking for info and took 16 pictures of his Japanese-made survival or spy radio. Can anyone help him with proper identification? Tom measured the radio and hand-crank generator. Radio w/o case is 7"X5"X3.25". Generator is 6.5"X3.25"X5". I will relay your comments to him. I placed Tom 's pics at the following URL.

<http://www.frognet.net/~postrd/guest/>

>Dear Richard,

>I have (acording to a Chinese resturant owner) a 1945

>vintage Chinese "Classified" survival or spy radio. It is in a leather case.

>I have digital pics. How can I find out what

>kind of radio I have? Can you help steer me in the right

>direction? (he said the radio was built by Japan)

>Thanks

>Tom Stranko

> Tom,

>

> Very interesting piece indeed. I would like to see a closer image of the

> circuit diagram. I will place the images on a website temporarily so that

> the BA list folks can see them. Do you have any pics of the inside

> (showing the tubes?) or the handcranked generator?

End of BOATANCHORS Digest 2855
